

## Freeform Search

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<b>Display:</b>	<input style="width: 40px;" type="text" value="10"/> Documents in <b>Display Format:</b> <input style="width: 40px;" type="text" value=""/> Starting with Number <input style="width: 40px;" type="text" value="1"/>
<b>Generate:</b> <input type="radio"/> Hit List <input checked="" type="radio"/> Hit Count <input type="radio"/> Side by Side <input type="radio"/> Image	

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### Search History

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**DATE:** Monday, December 20, 2004   
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<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L17</u>	L16 and ("uniform resource locator" or "url")	92	<u>L17</u>
<u>L16</u>	L15 and (domain near name or domain with name)	106	<u>L16</u>
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<u>L13</u>	L12 and (timestamp or time-stamp or time with stamp or time adj stamp)	519	<u>L13</u>
<u>L12</u>	L11 and version	3070	<u>L12</u>
<u>L11</u>	electronic near document	10399	<u>L11</u>
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<u>L8</u>	707/104.1	4976	<u>L8</u>
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<u>L6</u>	707/101	3681	<u>L6</u>
<u>L5</u>	707/10	9618	<u>L5</u>
<u>L4</u>	707/6	2899	<u>L4</u>

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L2 707/4  
L1 707/3

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L17: Entry 92 of 92

File: USPT

Aug 11, 1998

US-PAT-NO: 5793966

DOCUMENT-IDENTIFIER: US 5793966 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Computer system and computer-implemented process for creation and maintenance of online services

DATE-ISSUED: August 11, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Amstein; Peter R.	San Francisco	CA		
Blumer; Thomas P.	Cambridge	MA		
Coburn, IV; Arthur L.	Lexington	MA		
Forgaard; Randy J.	Lexington	MA		
Schulert; Andrew J.	Cambridge	MA		
Stefanik; Ted	Harvard	MA		
Mauceri; Robert J.	Watertown	MA		

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Vermeer Technologies, Inc.	Cambridge	MA			02

APPL-NO: 08/ 566281 [PALM]

DATE FILED: December 1, 1995

INT-CL: [06] G06 F 13/00

US-CL-ISSUED: 395/200.33; 395/200.48

US-CL-CURRENT: 709/203; 709/218

FIELD-OF-SEARCH: 395/200.01, 395/200.02, 395/200.09, 395/200.03, 395/200.15, 395/200.47, 395/200.48, 395/200.49, 395/200.3, 395/200.33, 395/200.68

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected

Search ALL

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PAT-NO

ISSUE-DATE

PATENTEE-NAME

US-CL

5530852

June 1996

Meske, Jr. et al.

395/600

<input type="checkbox"/>	<u>5537546</u>	July 1996	Sauter	395/200.01
<input type="checkbox"/>	<u>5572643</u>	November 1996	Judson	395/793
<input type="checkbox"/>	<u>5579469</u>	November 1996	Pike	395/326
<input type="checkbox"/>	<u>5623656</u>	April 1997	Lyons	395/610

## OTHER PUBLICATIONS

Heylighen, "World-Wide Web: a distribution hypermedia paradigm for global networking," Apr. 18, 1994, IEE/INSPEC Database Updates and Additions (1960-1995) Doc #1374618; Proceedings SHARE Europe Spring Conference, pp. 355-368, Apr. 1994. Netscape Navigator Gold 2.0; Press Release from Netecape Communications Corporation; retrieved from internet@ "http://.backslash..backslash.search.netscape.com.backslash.newsref.backslash.pr.backslash.newsrelease42.html"; USA, Sep. 18, 1995.

ART-UNIT: 276

PRIMARY-EXAMINER: Rinehart; Mark H.

ATTY-AGENT-FIRM: Anderson; Ronald M.

## ABSTRACT:

A client/server system for authoring an on-line service uses a server machine accessed a client machine which performs authoring operations on information stored on the server machine comprising the on-line service. Requests for authoring operations to be performed on information on the server machine, for authoring the online service, are translated on the client machine into at least one message which is sent to the server machine. The server machine receives the at least one message from the client machine and performs authoring operations identified in the received at least one message so as to author the online service. This information on the server machine is then made accessible by the server machine to other client systems that can be used to access the information without modifying the information, such as a browser. Generally, when the client machine receives a response message from the server machine, it displays information about performance of the authoring operation by the server, using the response message. The client and server may communicate using the HTTP protocol over a TCP/IP connection. The may also have different file name spaces, requiring the server to maintain and perform mapping between identifiers used by the client and those used on the server. The server may have a server program for processing HTTP messages and a server extension program for processing authoring operations. This extension program can be called via the common gateway interface. The authoring operations to be performed can include storing, creating or modifying information, such as documents and scripts and meta-information about services, documents and scripts on the server. Also, operations for providing a listing of services and documents are also available.

17 Claims, 16 Drawing figures

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Entry 91 of 92

File: USPT

Nov 7, 2000

[Preferences](#)[Logout](#) NO: 6145003

DOCUMENT-IDENTIFIER: US 6145003 A

**\*\* See image for Certificate of Correction \*\***TITLE: Method of web crawling utilizing address mapping

DATE-ISSUED: November 7, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sanu; Sankrant	Redmond	WA		
Meyerzon; Dmitriy	Bellevue	WA		

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Microsoft Corporation	Redmond	WA			02

APPL-NO: 08/ 992329 [\[PALM\]](#)

DATE FILED: December 17, 1997

INT-CL: [07] [G06](#) [F](#) [15/173](#)

US-CL-ISSUED: 709/225; 709/203, 707/3

US-CL-CURRENT: [709/225](#); [707/3](#), [709/203](#)

FIELD-OF-SEARCH: 709/224, 709/218, 709/203, 709/250, 709/217, 709/225, 709/229, 709/236, 707/10, 707/3, 707/4, 707/103, 707/2, 707/104, 707/9, 707/5, 707/500, 707/501, 707/513, 707/522, 395/327

PRIOR-ART-DISCLOSED:

## U.S. PATENT DOCUMENTS

[Search Selected](#)[Search All](#)[Clear](#)

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<a href="#">5649186</a>	July 1997	Ferguson	707/10
<input type="checkbox"/>	<a href="#">5793966</a>	August 1998	Amstein et al.	709/203
<input type="checkbox"/>	<a href="#">5848410</a>	December 1998	Walls et al.	707/4
<input type="checkbox"/>	<a href="#">5855020</a>	December 1998	Kirsch	707/10
<input type="checkbox"/>	<a href="#">5862325</a>	January 1999	Reed et al.	709/201
<input type="checkbox"/>	<a href="#">5864852</a>	January 1999	Luotonen	707/10

<input type="checkbox"/>	<u>5870546</u>	February 1999	Kirsch	395/200.33
<input type="checkbox"/>	<u>5875446</u>	February 1999	Brown et al.	707/3
<input type="checkbox"/>	<u>5892908</u>	April 1999	Hughes et al.	395/200.8
<input type="checkbox"/>	<u>5895470</u>	April 1999	Pirolli et al.	707/102
<input type="checkbox"/>	<u>5903892</u>	May 1999	Hoffert et al.	707/10
<input type="checkbox"/>	<u>5933822</u>	August 1999	Braden-Harder et al.	707/5
<input type="checkbox"/>	<u>5974455</u>	October 1999	Monier	709/223
<input type="checkbox"/>	<u>5987454</u>	November 1999	Hobbs	707/4

## OTHER PUBLICATIONS

Darren R. Hardy et al, "Harvest User's Manual," University of Colorado at Boulder, Technical Report CU-CS-743-94 Version 1.4 patch level 2, Jan. 31, 1996 pp 1-89.

ART-UNIT: 276

PRIMARY-EXAMINER: Geckil; Mehmet B.

ATTY-AGENT-FIRM: Christenson O'Connor Johnson Kindness PLLC

## ABSTRACT:

A computer-based system and method of retrieving information pertaining to Web documents on a computer network is disclosed. The method includes maintaining an address map that associates primary addresses with secondary addresses. A primary address includes a network retrieval protocol and a network address. The secondary address may include a different retrieval protocol or a different network address from the primary document address. A Web crawler retrieves a Web document using the primary document address, and determines whether the address map contains a secondary document address prefix corresponding to the primary document address prefix. If a secondary document address prefix exists, the Web crawler creates a secondary address, retrieves additional information pertaining to the Web document, and combines the additional information with the data retrieved from the Web document. The combined data may be stored in an index, and subsequently used to perform a document search.

28 Claims, 5 Drawing figures

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